

FIGURE 1

**Amino acid sequence for full-length *E. faecalis* MvaS
with 6 residue polyhistidine C-terminal tag (tag is underlined)
[SEQ. ID No. 1]**

MTIGIDKISFFVPPYYIDMTALAEARNVDPGKFHIGIGQDQMAVNPISQDIVTFAANAAE
AILTKEDEKAIDMVIIVGTESSIDESKAAAVVLHRLMGIQPFARSFEIKEACYGATAGLQL
AKNHVALHPDKKVLVVAADIAKYGLNSGGEPTQGAGAVAMLVASEPRILALKEDNVMLTQ
DIYDFWRPTGHPYPMVDGPLSNETYIQSFAQVWDEHKKRTGLDFADYDALAFHIPYTKMG
KKALLAKISDQTEAEQERILARYEESIVYSRRVGNLYTGSLYLGLISLLENATTLTAGNQ
IGLFSYGSGAVAEFFTGELVAGYQNHLEKETHLALLDNRTELSIAEYEAMFAETLDTDID
QTLEDELKYSISAINNTVRSYRNKGHHHHHH

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AKNHVALHPDKKVLVVAADI AKYGLNSGGEPTQGAGAVAMLVASEPRILALKEDNVMLTQ
DIYDFWRPTGHPYPMVDGPLSNETYIQSFAQVWDEHKKRTGLDFADYDALAFHIPYTKMG
KKALLAKISDQTEAEQERILARYEESIVYSRRVGNLYTGSLYLGLISLLENATTLTAGNQ
IGLFSYGS GAVAEFFTGELVAGYQNLQKETHLALLDNRTLSIAEYEAMFAETLDTDID
QTLEDELKYSISAINNTVRSYRNKGHHHHHH